

Fig 1. PKC detection in a black 384 well plate.

BEST AVAILABLE COPY

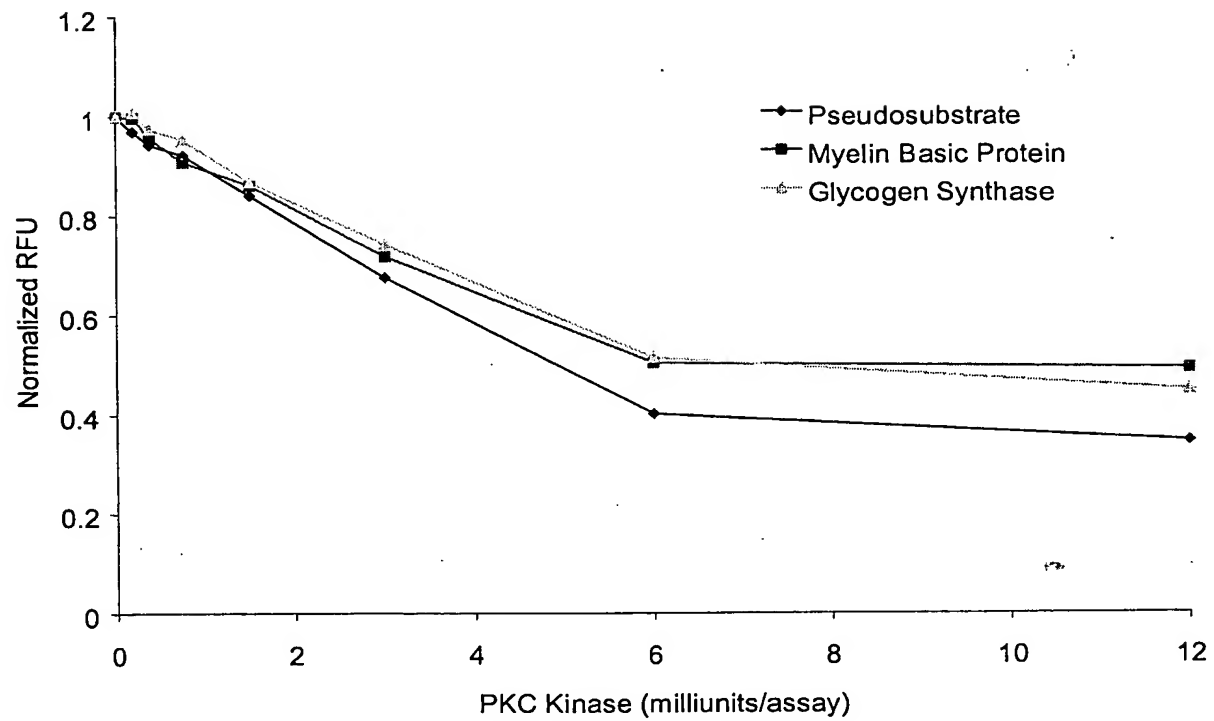


Fig 2. PKC detection in a white 384 well plate.

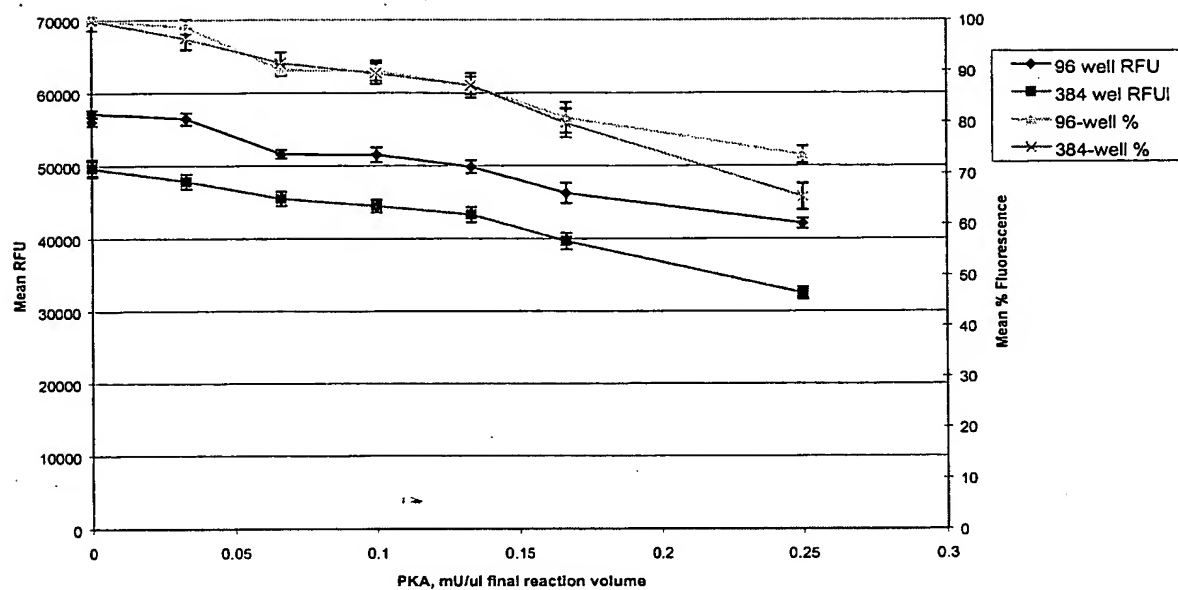


Fig 3. PKA Detection in 96 and 384 white plates.

IQ™ Kinase Assay for PKC in Different Plate Formats

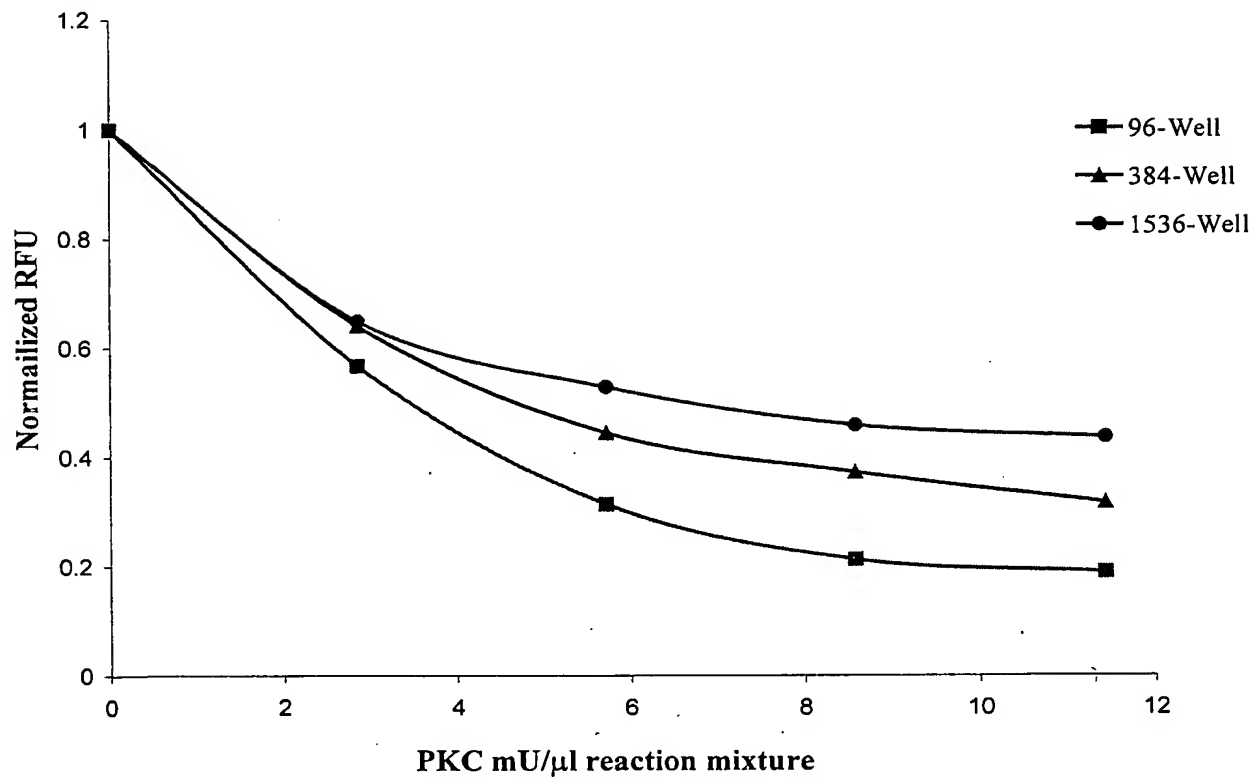


Fig 4. PKC detection comparison in various plate density formats using Pseudosubstrate peptide

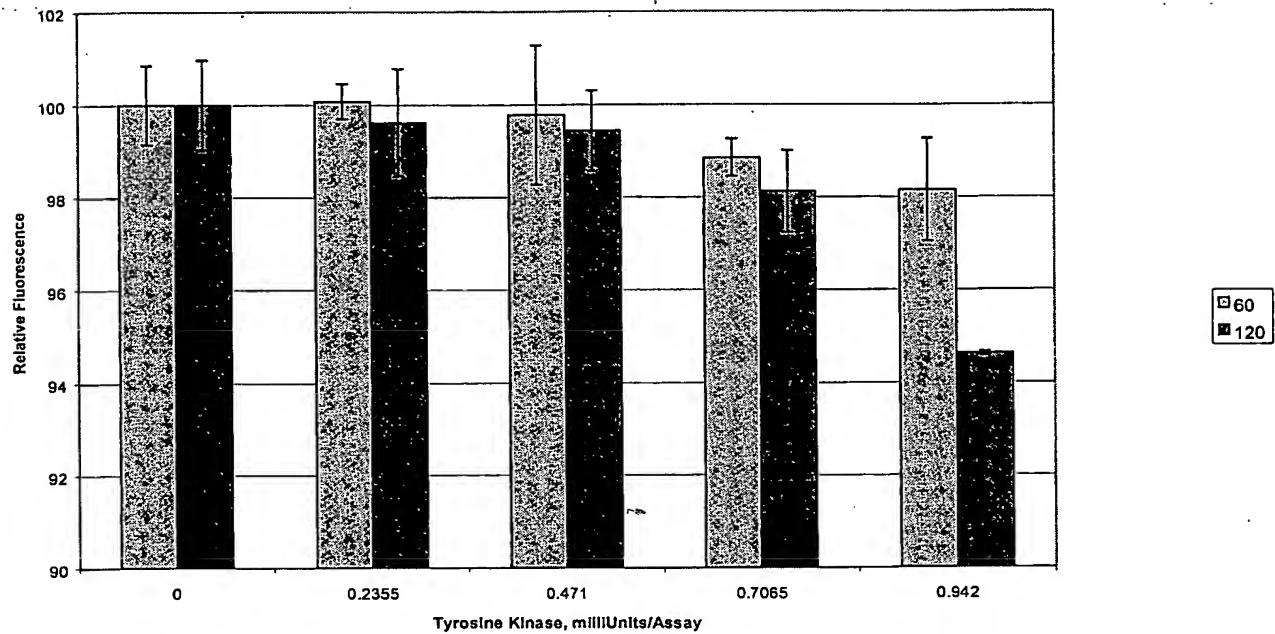


Fig 5. Tyrosine Kinase time course detection after 60 or 120 minutes of enzyme reaction.

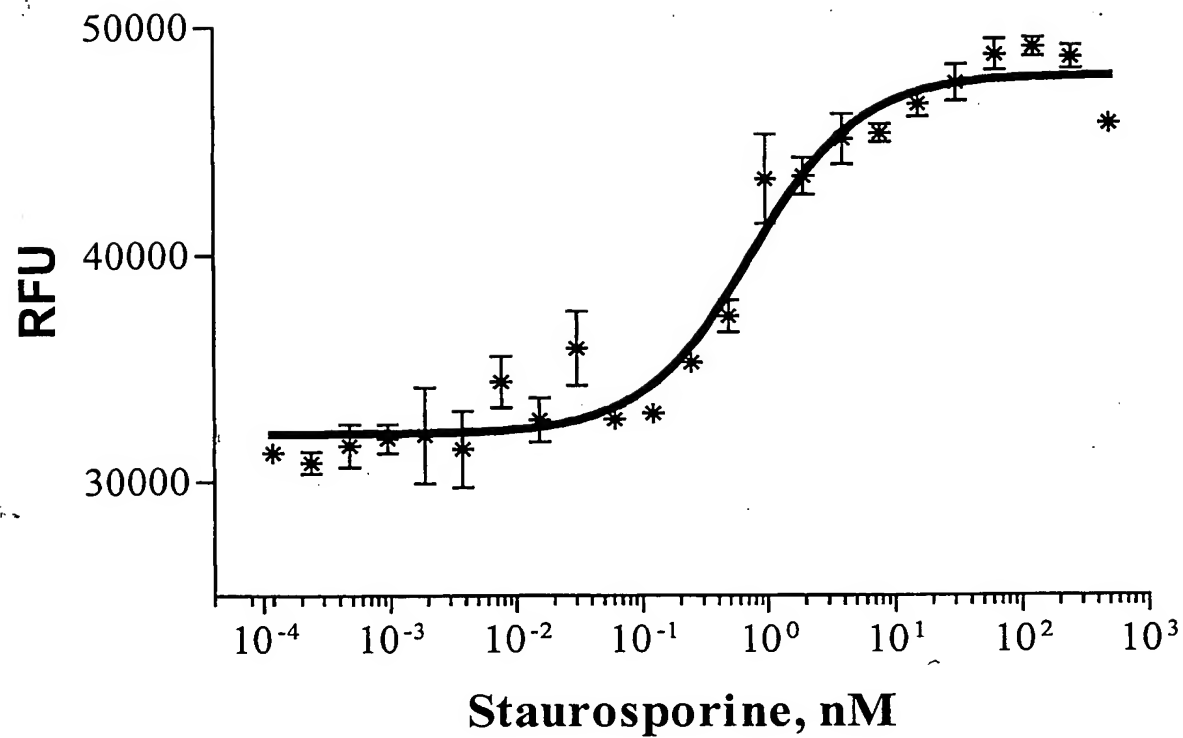


Fig 6. Assay of staurosporine inhibition on PKC activity.

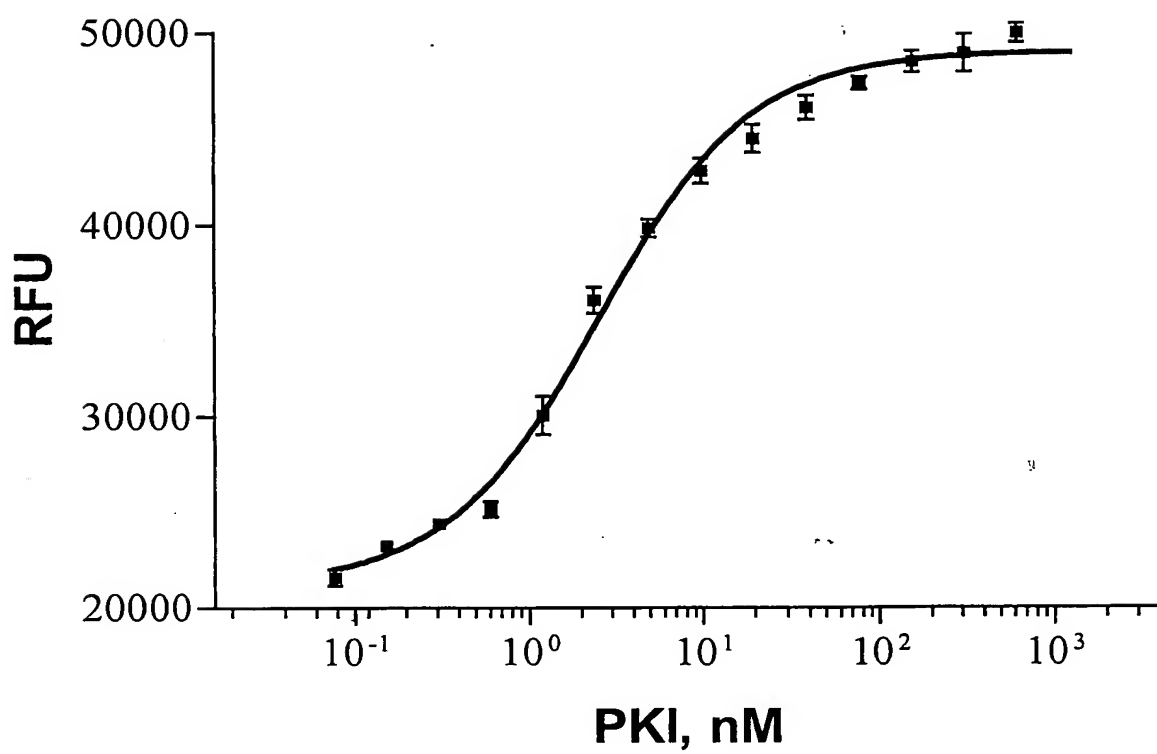


Fig 7. Assay of PKI inhibition on PKA activity

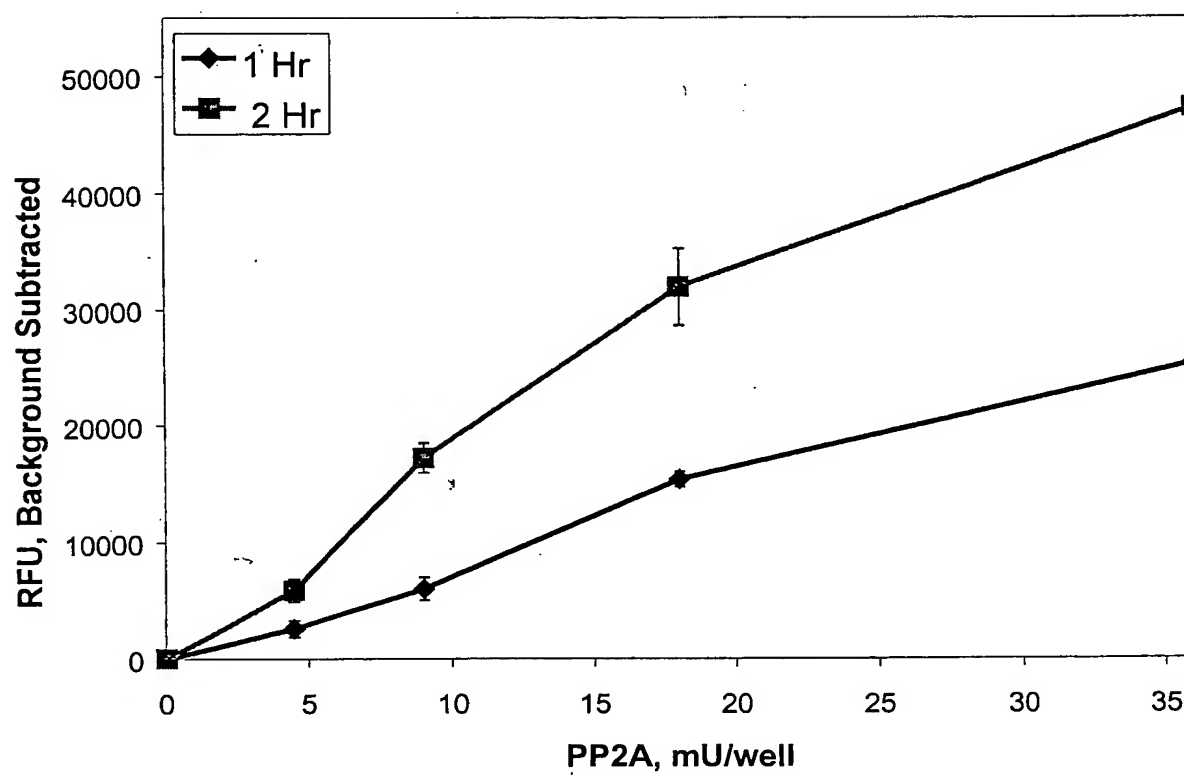


Fig. 8. PP2A Phosphatase activity was measured in the presence of the peptide substrate, LRRApSLG.

Several concentrations of enzyme and two timepoints were analyzed.

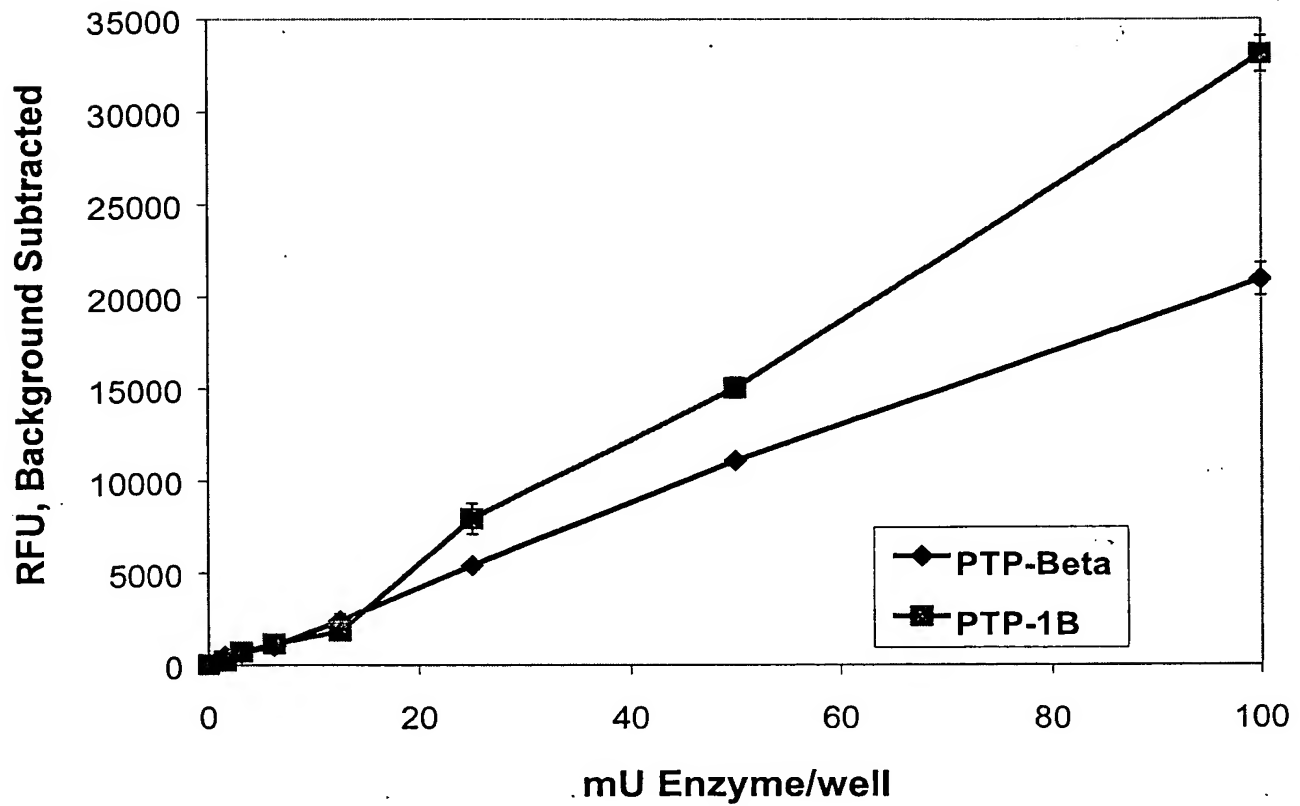


Fig. 9. PTP-Beta or PTP1B Phosphatase activity was measured in the presence of the peptide substrate, KVEKIGEGTpYGVVYK. Several concentrations of enzyme were analyzed.

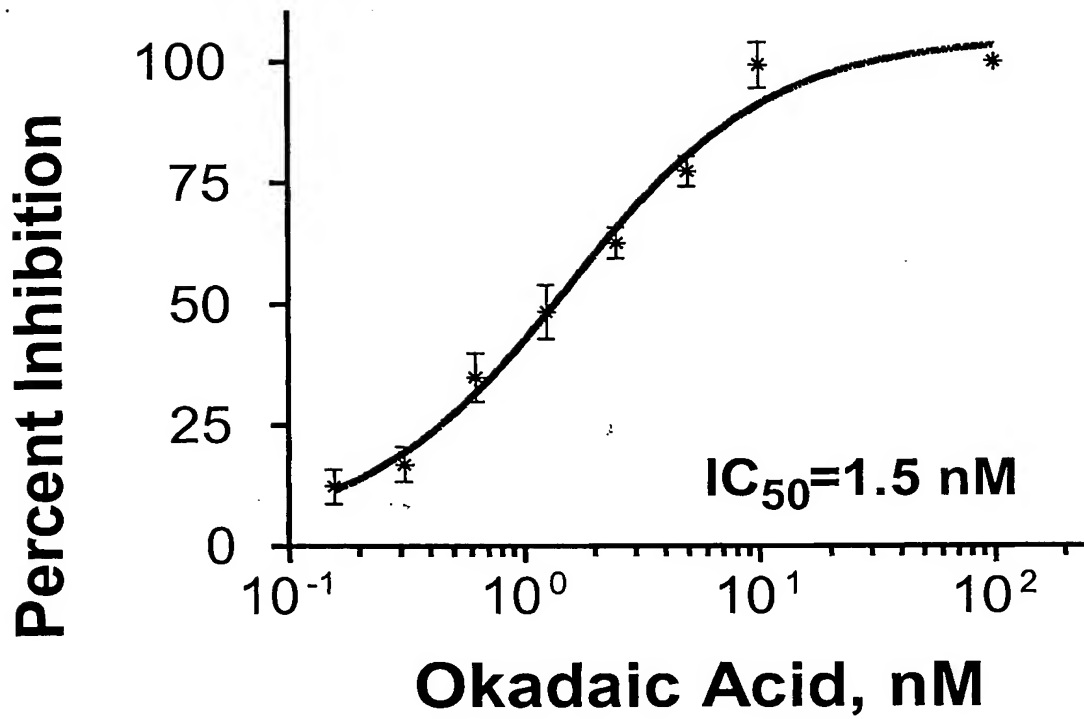


Fig. 10. Assay of Okadaic Acid inhibition on PP2A Phosphatase activity using Lissamine Rhodamine labeled phosphopeptide substrate, LRRApSLG

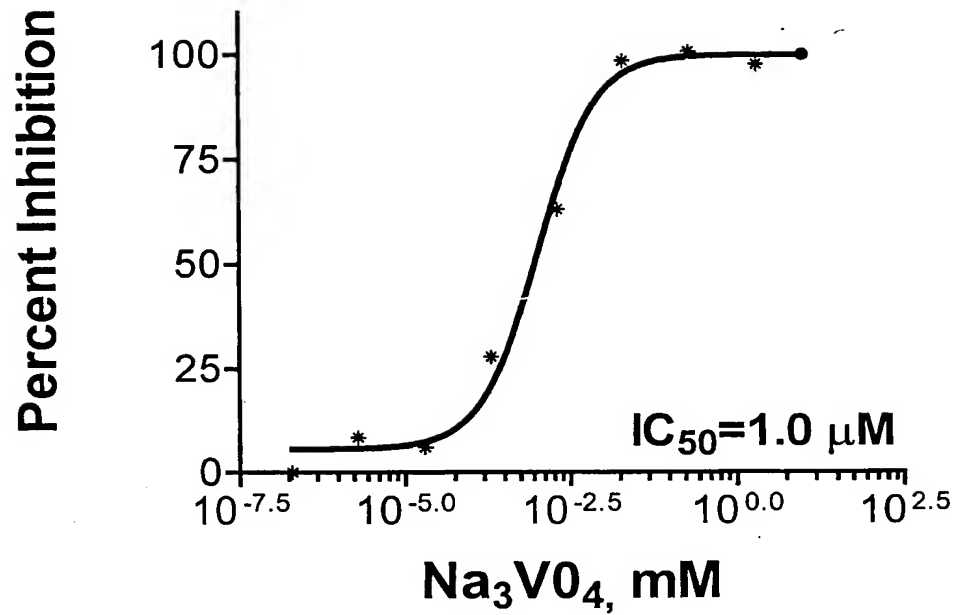


Fig. 11. Assay of sodium ortho-vanadate inhibition on PTP1B Phosphatase activity using Lissamine Rhodamine labeled phosphopeptide substrate KVEKIGEGTpYGVVYK.

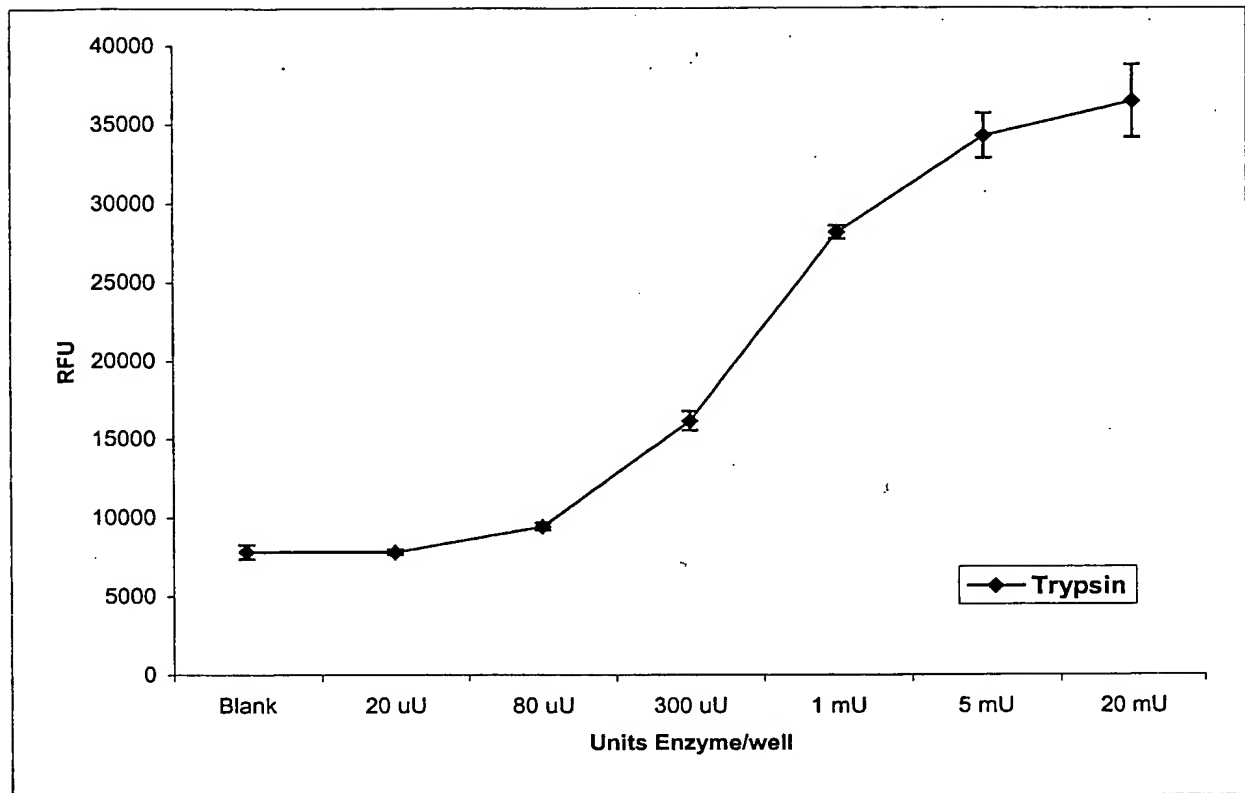


Fig. 12 Trypsin activity assay using Lissamine rhodamine labeled LRRApSLG as the enzymatic substrate.

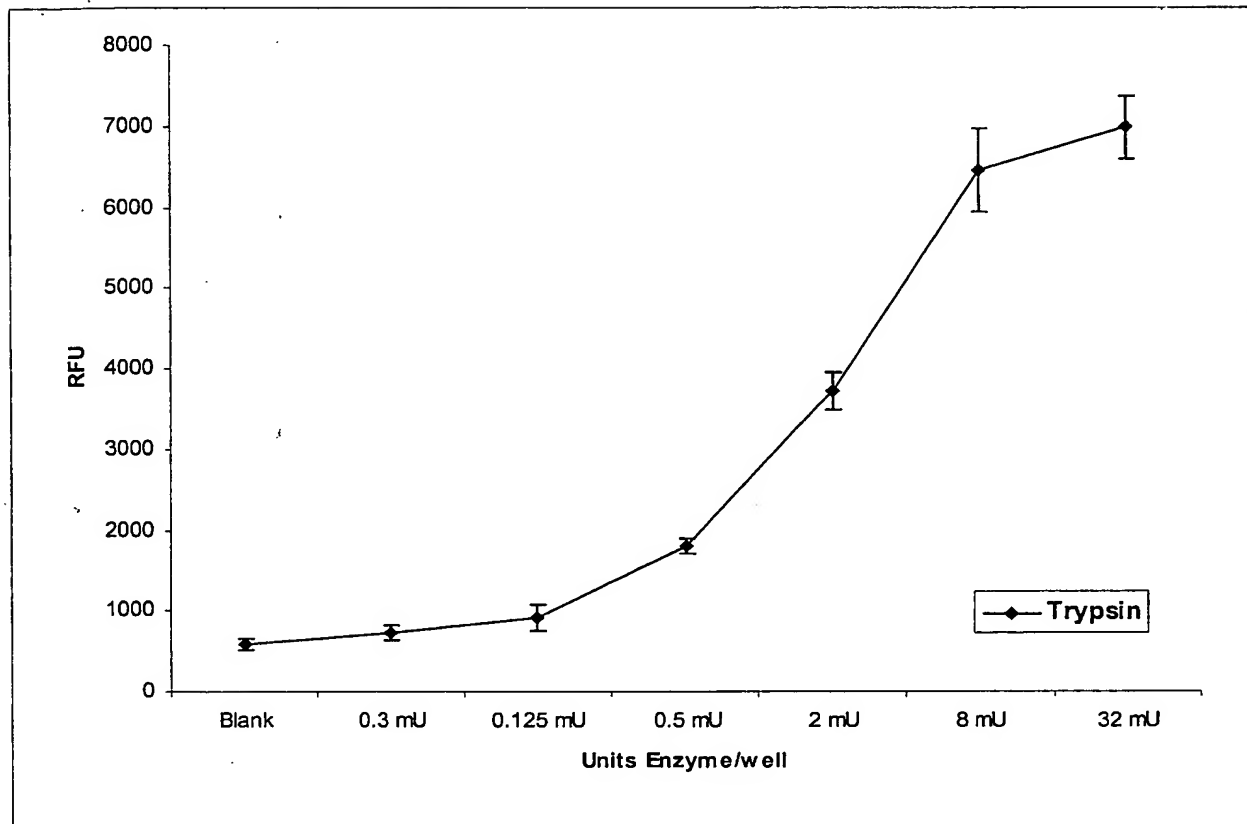


Fig 13 Trypsin activity assay using Lissamine rhodamine labeled
AGLARAGLALARLALALRRApSL as the enzymatic substrate.

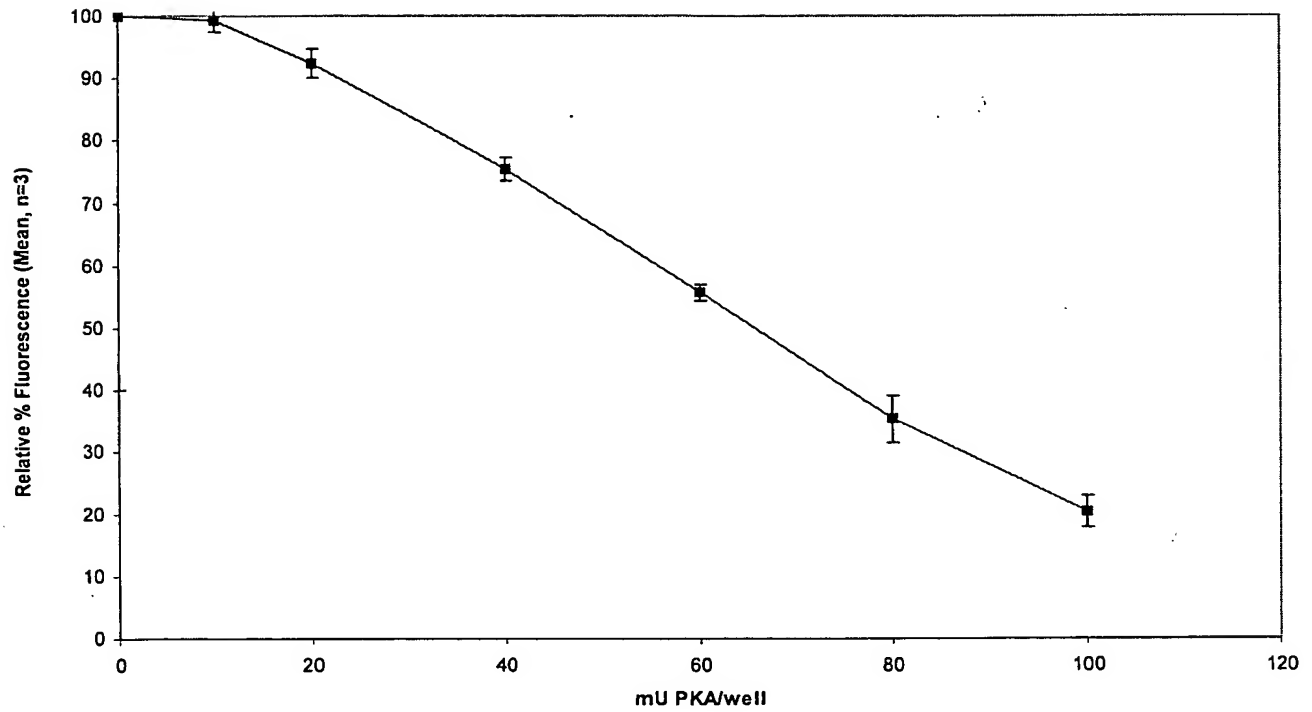


Fig. 14 PKA activity assay using fluorescein labeled Kemptide substrates

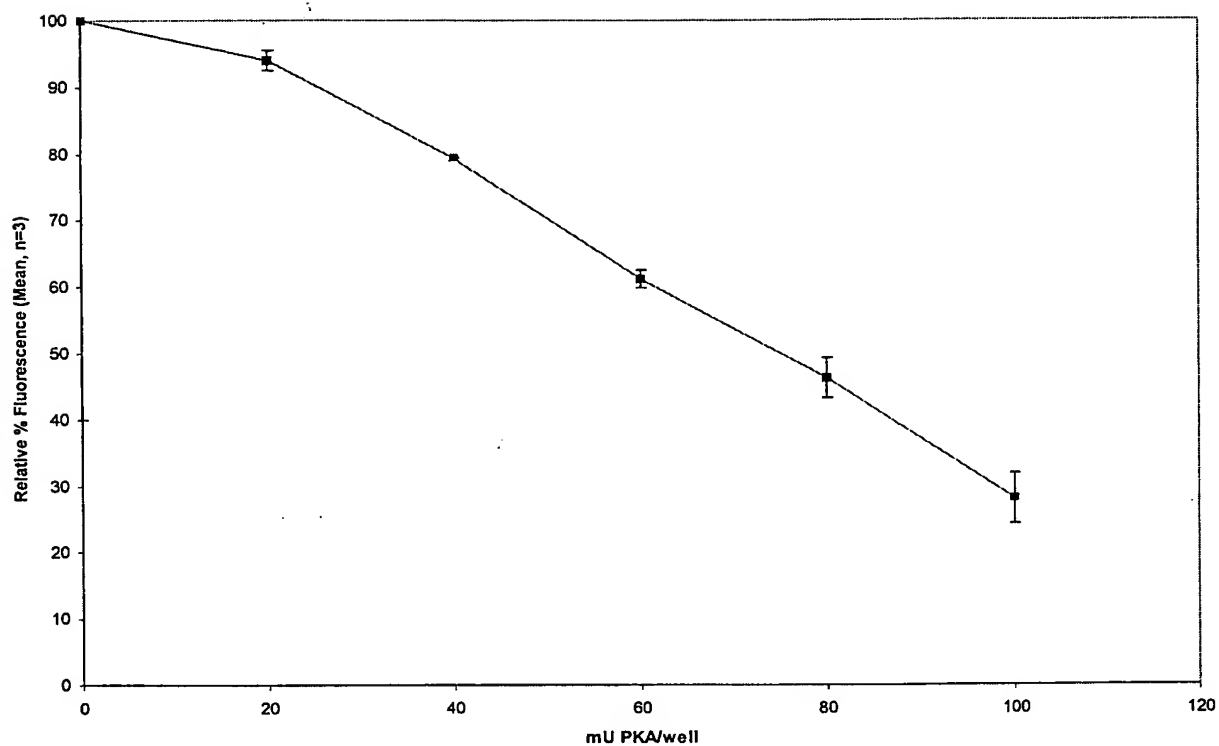


Fig. 15. PKA activity assay using Oregon Green labeled Kemptide substrates

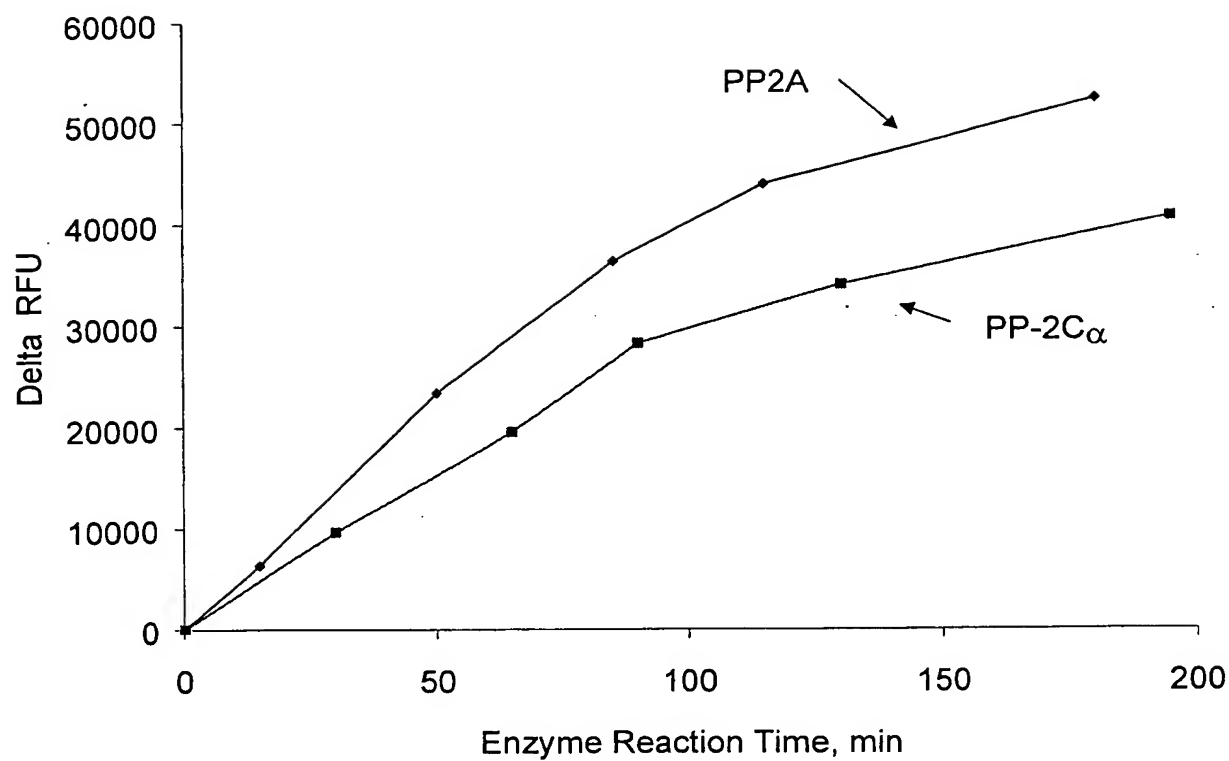


Fig. 16 Assay for protein phosphatase activity using either phosphatases PP-2C α or PP2 with Lissamine Rhodamine labeled phosphoKemptide substrate.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.